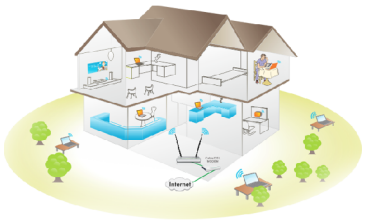
Create A High Performance Wireless Network For Large Home or Office

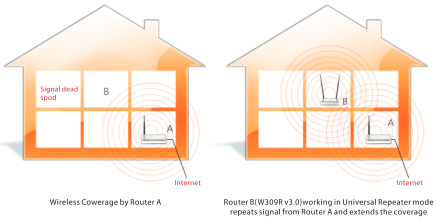
Wireless N300 High Power Router

The Tenda W309R Wireless N300 High Power Router is an 802.11n compliant wireless router that delivers up to 8x faster wireless speed and 10x farther range than 802.11g while staying backward compatible with 802.11b/g devices. It is engineered to address the demands of small-sized enterprise, office and home, simply connect the W309R to a cable or DSL modem and Internet access sharing will be reachable to multiple computers, game consoles, and media players over an up to 300Mbps WLAN that is secured with WPA and WPA2 encryption methods. Plus, it provides WISP to let you access Internet wirelessly and WDS to extend your wireless coverage. With high power, the Tenda W309R is ideal for large homes or small offices where concrete walls, successive floors in multi-storied buildings, or other architectural impediments can weaken a wireless signal.



MAXIMUM WIRELESS COVERAGE

Dead spots in your home or office can slow down your wireless access and even prevent you from getting online. Advanced HighPower technology from Tenda enhances signal strength. Paired with detachable antennas, W309Rv3.0 boosts signal strength for maximum performance and range.

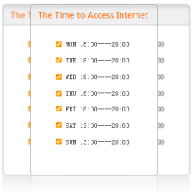


Wireless Coverage by Router A

Router B(W309R v3.0)working in Universal Repeater mode repeats signal from Router A and extends the coverage

Universal Repeater

Universal Repeater is a technology used to extend wireless coverage. Compared to the traditional WDS (Wireless Distribution System) technology, Universal Repeater not only has an easier setup method, but also provides better performance and compatibility.



Parental Control

Support Client Filter, Mac Filter, Websites Filter function, you can define parental controls such as time of use, ability to block domains.

Advanced Wireless Security

W309R offers multi-level wireless encryption options to prevent unauthorized access and protect your important data.
1.64/128bit WEP, WPA-PSK, WPA2-PSK.
2.Wireless Access Controll based on the mac address of wireless adapter.

WPS Button---WI-FI Protected Setup

Compatible with WI-FI Protected Setup? (WPS), W309R features WPS that allows users to almost instantly setup their security simply by pressing the "WPS" button automatically establishing a secure connection. Not only is this faster than normal security setups but more convenient in that you don't need to remember a password.

ISP Access Point W309R v3.0 Wireless Devices

Client Router Mode – WISP Client

W309R is designed to be set in Client Router mode to support a WISP connection. When it works as a WISP client device to access the Internet, local computers can connect to W309R via wireless or cables.

Easy to Setup

With just three easy steps, get your secure wireless network up and running in minutes.

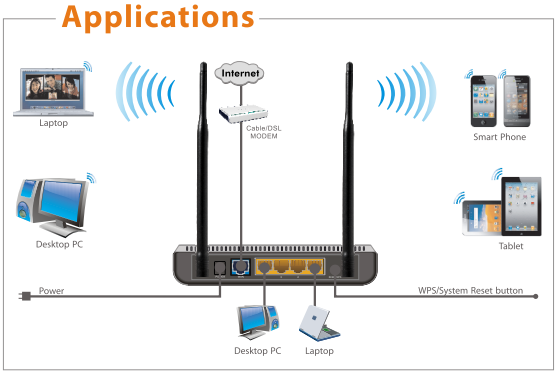
Main Features

- 300Mbps wireless speed ideal for interruption sensitive applications like video streaming
- Two detachable high gain antennas greatly increase the wireless robustness and stability
- Wireless security encryption easily at a push of WPS button
- Universal Repeater provides seamless bridging to expand your wireless network

System Requirements

- Computer with: Windows 7/Vista/XP, Mac OS or Linux OS
- Microsoft IE, FireFox , or Safari browser
- CD-ROM drive
- Network adapter

Applications



Specification

Hardware Features	
Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b; IEEE 802.3, IEEE 802.3u;
Interface	1*10/100M WAN Port (Auto MDI/MDIX) 4*10/100M LAN Ports (Auto MDI/MDIX)
Antenna	2* omni-directional antennas
Button	1 Reset/WPS
Power	Input: 100-240V 50/60Hz 0.3A; Output: DC 9V==1A
Temperature	Operating Temperature: 0℃ ~ 40℃; Storage Temperature: -40℃ ~ 70℃.
Humidity	Operating Humidity:10% ~ 90% RH non-condensing; Storage Humidity: 5% ~ 90%RH non-condensing.
Dimensions (L*W*H) mm	171.95*110.12*31mm
LED	Power, SYS, WLAN, WPS, WAN, LAN(1-4)
Transmission Media	TP, WiFi
Wireless Features	
Wireless Speed	Up to 300Mbps
Frequency	2.4GHZ
Basic Features	Wireless Radio: Enable/Disable; SSID Broadcast: Enable/Disable; Channel: 1-13 Transmit Power: High, Medium, Low
Security	Wireless Security: Enable/Disable; 64-/128- bit WEP, WPA-PSK, WPA2-PSK; WPS Wireless Access Control (Wireless MAC filter);
Operating Mode	Universal Repeater WISP Mode WDS
Software Features	
Internet Connection Type	PPPoE; Dynamic IP; Static IP.
DHCP Server	DHCP Server; DHCP Client List; DHCP Reservation.
Virtual Server	Port Forwarding DMZ Host
Security	Client/URL/MAC Filter; Remote Web Management
DDNS	Noip, dyndns
VPN Passthrough	PPTP/L2TP Passthrough
Bandwidth Control	Yes
Static Routing	Yes
Logs	Yes
VLAN	No
Others	MAC Clone Backup & Restore settings Firmware Upgradeable (via browser)
Others	
Package Contents	W309R; Power Adapter; Quick Install Guide
Factory Default Settings	IP Address: 192.168.0.1 Login Password: admin
Related Products	A30, W322U, W322P
3 Install Steps	Step 1. Launch a web browser and input 192.168.0.1 Step 2. Enter the password: admin Step 3. Setup Internet connection.
Certificates	CE, RHoS

Shenzhen Tenda Technology Co.,Ltd
No. 34-1 Shilong Road
Shiyan Town, Baoan District
Shenzhen 518081,China
Phone: (86 755) 2765 7180
Fax: (86 755) 2765 7178
Email: sales@tenda.com.cn
support@tenda.com.cn
http://www.tendacn.com

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